

Converting Colors

CIELCh(70, 14.838, 278.302)

Have a look what the booklet for
CIELCh(70, 14.838, 278.302)
contains.

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Color

CIELCh(70, 14.572, 277.791)

Conversions

Conversions Part 1

Format	Color
Hex	A1ABC5
RGB	161, 171, 197
RGB Percent	63%, 67%, 77%
CMY	0.3685, 0.3293, 0.2273
CMYK	0.18, 0.13, 0.00, 0.23
HSL	223°, 24%, 70%
HSV	223°, 18%, 77%
XYZ	39.3536, 40.7494, 58.6327
YIQ	170.9740, -14.3060, 5.9660

Conversions

Conversions Part 2

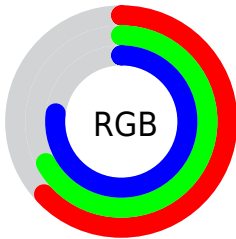
Format	Color
RYB	161, 169, 197
Decimal	10595269
CIELab	70.00, 1.98, -14.44
CIELCh	70, 14.572, 277.791
Yxy	40.7494, 0.2837, 0.2937
Android (android.graphics.Color)	4288785349 (0xFFA1ABC5)
YUV	170.9740, 12.8308, -8.7472
Hunter-Lab	63.8353, -1.6689, -9.7732

Details

The CIELCh color $70, 14.572, 277.791$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $76, 14.465, 93.082$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 14.862, 278.331$, and $50, 14.397, 277.431$ is the 20% darker color. If you saturate the color by 10%, you get $65, 22.797, 279.453$, and if you desaturate by 10%, it is $75, 6.529, 276.372$.

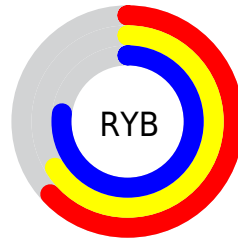
Distribution



Red (63%)

Green (67%)

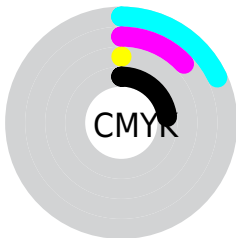
Blue (77%)



Red (63%)

Yellow (66%)

Blue (77%)

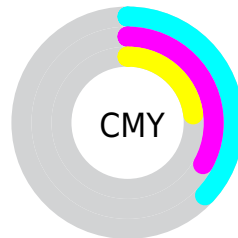


Cyan (18%)

Magenta (13%)

Yellow (0%)

Black (23%)



Cyan (37%)


Magenta (33%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 14.572, 277.791 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 70, 14.572, 277.791 by changing the saturation by 10% instead.


 70, 14.572,
277.791


 70, 14.572,
277.791


 100, 14.572,
277.791


 60, 14.572,
277.791


 90, 14.572,
277.791

 50, 14.572,
277.791

 40, 14.572,
277.791

 30, 14.572,
277.791

 20, 14.572,
277.791

 10, 14.572,
277.791

 0, 14.572, 277.791

70, 14.572,
277.791

70, 14.572,
277.791

65, 22.797,
279.453

75, 6.529, 276.372

60, 31.225,
281.402

80, 1.339, 94.959

86, 9.039, 94.023

54, 39.877,
283.672

91, 16.575, 93.108

49, 48.783,
286.286

96, 23.519, 96.390

44, 57.968,
289.239

99, 29.215,
107.957

40, 67.413,
292.466

36, 76.982,
295.822

32, 86.334,

299.051

■ 31, 87.899,
299.550

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



70, 14.572, 277.791



76, 14.465, 93.082

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70, 14.572, 277.791



70, 14.572, 327.791



70, 14.572, 97.791



70, 14.572, 147.791

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



70, 14.571, 277.787



97, 4.853, 275.978



77, 14.104, 175.437



51, 3.313, 276.063



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70, 14.571, 277.787



86, 21.726, 278.433



68, 20.113, 299.974



39, 4.515, 276.518



25, 75.387, 299.099



3, 17.445, 283.242

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



70, 14.876, 359.332



85, 22.256, 359.822



78, 19.359, 117.431



39, 4.567, 358.342



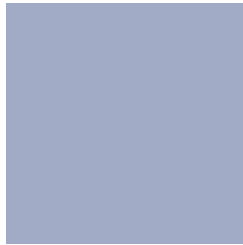
34, 63.281, 22.498



4, 16.433, 5.318

Previews

White Background



This preview shows how the CIELCh color 70, 14.572, 277.791 looks on a white background.

Color Contrast Check

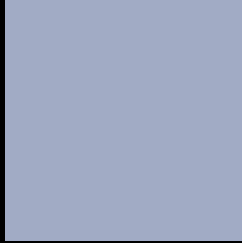
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 70, 14.572, 277.791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

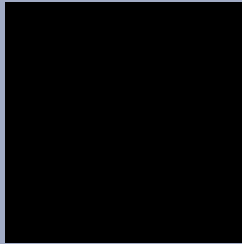
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 14.572, 277.791

Background



This preview shows how black text looks on a background with the CIELCh color 70, 14.572, 277.791.



This preview shows how white text looks on a background with the CIELCh color 70, 14.572, 277.791.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

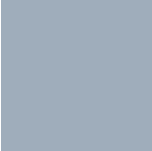
70, 14.572, 277.791

Protanopia

70, 14.284, 285.950

Deuteranopia

70, 17.291, 301.257



Tritanopia
70, 9.033, 257.480

Trichromacy



Original Color
70, 14.572, 277.791

Protanomaly
70, 14.355, 283.183

Deuteranomaly
70, 16.487, 294.246

Tritanomaly
70, 11.131, 268.872

Monochromacy



Original Color
70, 14.572, 277.791

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 5.120, 274.063

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 14.572, 277.791 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(161, 171, 197)` looks like.

```
.text, #text, p{  
    color:rgb(161, 171, 197)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(161, 171, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 171, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 14.572, 277.791 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(161, 171, 197) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(161, 171, 197) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(161, 171, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 171, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 171, 197);  
box-shadow:4px 4px 4px 4px rgb(161, 171,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 14.572, 277.791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 171, 197) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(161,  
171, 197) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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